

Table 3.9 from (2010PU04): References for ${}^2\text{H}(p, \pi^0){}^3\text{He}$, ${}^1\text{H}(d, \pi^0){}^3\text{He}$ and ${}^2\text{H}(p, \pi^+){}^3\text{H}$

References	E_p or E_d (MeV)	Comments
(1992PI14) ^a	E_p near 200	\vec{p} beam; near threshold proton energies; measured $\sigma(\theta)$, $A_y(\theta)$, σ_{tot}
(1998GA47, 2000KL11, 2001BE35, 2001MB03) ^b	$E_p = 263, 295, 328$	Measured σ_{tot} , $\sigma(\theta)$; studied isospin symmetry
(2001MB03, 2003AB16) ^b	$E_p = 263\text{-}470$	Measured $\sigma(\theta)$ and σ_{tot} in Δ excitation region; studied isospin symmetry
(2001BE37) ^a	$E_p = 328, 470$	Measured $\sigma(\theta)$; compared with theory
(2000BE15) ^b	$E_p = 330$	Measured $\sigma(\theta)$; determined ratio $\sigma(\text{pd} \rightarrow {}^3\text{H}\pi^+)/\sigma(\text{pd} \rightarrow {}^3\text{He}\pi^0)$
(1987CA26) ^a	$E_p = 350, 450, 500$	\vec{p} beam; measured $\sigma(\theta)$ and $A_y(\theta)$; poor agreement with theory
(2003AB02, 2003AB30) ^b	$E_p = 362\text{-}470$	Measured $\sigma(\theta)$ and σ_{tot} in Δ excitation region; analyzed reaction mechanism
(1996NI06) ^c	$E_d = 397.3\text{-}429.7$	Near π^0 threshold; \vec{d} beam; measured σ_{tot} , $\sigma(\theta)$ and TAP's
(1988BO33) ^c	$E_d = 400.7$	Near π^0 threshold; \vec{d} beam; measured T_{20} ; analyzed production mechanism
(1989AD02) ^a	$E_p = 800$	\vec{p} beam; measured $A_y(\theta)$; studied role of Δ ; discrepancies with theory at back angles
(2003AB20, 2006RO27) ^b	$E_p = 882\text{-}1004$	Measured $\sigma(\theta)$; deduced isospin symmetry breaking

^a Studied reaction ${}^2\text{H}(p, \pi^0){}^3\text{He}$ only.

^b Studied reactions ${}^2\text{H}(p, \pi^0){}^3\text{He}$ and ${}^2\text{H}(p, \pi^+){}^3\text{H}$.

^c Studied reaction ${}^1\text{H}(d, \pi^0){}^3\text{He}$ only.